IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoshihiro Kawaoka

Title:

VIRUSES COMPRISING MUTANT ION CHANNEL PROTEIN

Attorney Docket No.:

800.026US1

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION

Commissioner for Patents Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

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X Utility Patent Application under 37 CFR § 1.53(b) comprising:

- Specification (47 pgs, including claims numbered 1 through 26 and a 1 page Abstract).
- X Informal Drawing(s) (14 sheets).
- Unsigned Combined Declaration and Power of Attorney ($\underline{3}$ pgs).
- X Communication Under 37 C.F.R. § 1.821 (1 page).
- X Sequence Listing (8 pages).
- $X^{[k]}$ Sequence Listing in ASCII computer readable form.

The filing fee (NOT ENCLOSED) will be calculated as follows:

i comp	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	27 - 20 =	7	x 9 =	\$63.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 40 =	\$40.00
[X] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$135.00
BASIC FEE				\$355.00
TOTAL				\$593.00

THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.

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